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Research Interests

My research focuses on three areas: glycoprotein hormone α -subunit expression in the pituitary, ectopic glycoprotein hormone α -subunit expression in malignant tumors, and thyrotrope growth inhibition by thyroid hormone. As a trainee, I learned the basic tools of molecular biology research and began to investigate the mechanism of expression of the α -subunit of the pituitary glycoprotein hormones under the guidance of Dr. E. Chester Ridgway and his Ph.D. associates, Drs. William Wood and David Gordon. I continue to be involved with this line of research and have been collaborating in other projects within the laboratory, including the regulation of thyrotrope cell growth by thyroid hormone. I have also begun to explore other areas of investigation, including the expression of the glycoprotein hormone α -subunit gene in solid tumors, specifically lung cancer.

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